

LUMUX

WALL SCONCE WS520

The Lumux Wall Sconce ("WS") series combines architectural design with high performance and high-efficacy, featuring a range of wall or ceiling mounted luminaires with a variety of grill and visor options.

Designed for accent lighting of walls and facades, the Lumux WS series is constructed from the highest quality components and is built for optimal performance in any environment while offering elegant and attractive form factors. The WS500 series supports an optional photocell and optional internal emergency battery pack. Vandal resistant and built for long-lasting indoor and outdoor applications.

Housing: Heavy-duty construction of corrosion resistant, low-copper die cast aluminum, secured with vandal-resistant, stainless screws.

Lens: 1/8" thick UV rated white opal polycarbonate diffuser.

Mounting: Surface mounting to wall, column or ceiling.

Installation: Mounting bracket provided fits to any standard 3" or 4" J-Box.

Finish: Zinc-polyester powdercoat finish in black, white, silver, bronze, or any custom RAL color. Consult factory for marine grade or anti-microbial finish.

Driver: Constant current and universal input voltage 120-277v, starting temperature rated at -20°F. 0-10v dimming available.

Gasket: Closed cell silicon foam gasket that seals out moisture, dust, and insects for weather tight operation.

Protection Class: IP65, ETL Listed for wet locations.

CRI: 80

Warranty: 5 year limited warranty.

Delivered Lumens* & Wattage* per color temperature:

	2700K	3000K	3500K	4000K	WATTS
WS520 / 25W	1750 lm	1800 lm	1850 lm	1900 lm	25W
WS520 / 48W	4800 lm	4800 lm	4800 lm	4800 lm	48W

For other lumen packages and color temperatures, please consult with the Lumux sales team.

DATE:

PROJECT:

FIRM:

CATALOG NO.:

COMMENTS:



WS520

ø14" housing w/ protective window-grille over impact-resistant opal polycarbonate diffuser



EMERGENCY BATTERY
BACKUP AVAILABLE

100
lm/W

Luminaire Housing Dimensions:



ø14"



6"

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WALL SCNCE WS520

WS520 is a high-efficacy wall and ceiling luminaire with optional emergency back-up battery, daylight sensor and color temperature options.

Ordering Guide

Catalog No.	Wattage*	LED Color	Color Temp ¹	Voltage	Finish	Options ²
WS520	25W	White	2700K	120-277v	Black	<input type="checkbox"/> 0-10v Dimming <input type="checkbox"/> Battery Pack <input type="checkbox"/> Photocell
	48W	Amber	3000K		White	
			3500K		Silver	
			4000K		Bronze	
					Custom RAL ²	

¹Consult factory for additional options;
color temp applies to white light only.

²Consult factory for additional pricing.

Catalog No.: _____

Performance Specifications WS520 48W	
Flux 4,800 lm (4000K)*	LER 100 lm/W (4000K)*
Power 48W*	
Starting temp. rated to -20°F	120-277v input voltage
Dimmable driver (0-10v) option	
Lumen Depreciation*: L70 100,000 hrs	

Environmental Specifications	
Wall mount BUG rating: B0-U5-G4	
CRI 80	Color temperature options
IP65; ETL listed for wet-locations	Turtle-friendly amber light option
Effective Projected Area: 1 sq.ft.	Marine Grade option
5-year limited warranty	Made in the USA



*Lumen Maintenance Report: Nichia
Test Documentation No.: NFSW757GT-V3

* Estimated flux & Wattage

LUMUX LIGHTING
7803 Industry Ave, Pico Rivera, CA 90660
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Content of specification sheet subject to change

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WALL SCNCE WS520

DATE:

PROJECT:

FIRM:

CATALOG NO.:

COMMENTS:

Photometry

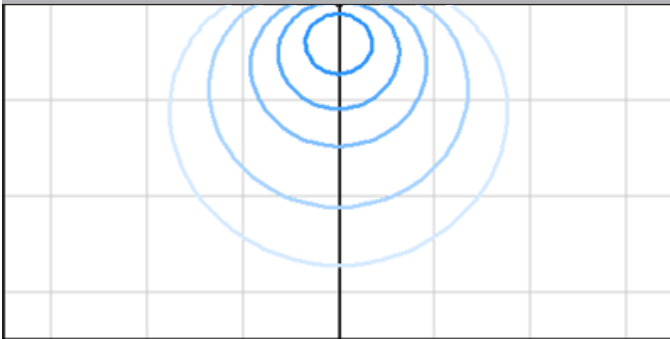
IESNA: LM-63-2002

TEST: 14507470.02 (edited*)	TEST LAB: UL LLC
LUMINAIRE: WS500	DATE: 2022-09-30
IES Classification: n/a	Longitudinal Class: n/a
Luminaire Lumens	4850 (4000K)
Luminaire Efficacy Rating (LER)	100 lm/W
Total Luminaire Watts	47.8W
Upward Waste Light Ratio	0.50
Max. Candela	1480
Max. Cd. < 90° Vertical	1480
Max. Cd. (At 90 Deg. Vert.)	1480 (31.2% Luminaire)
Max. Cd. (80 to <90 Deg. Vert.)	1480 (31.2% Luminaire)
Cutoff Classification: N.A.	Wall Mount BUG Rating: B0-U5-G4

Technical aspects may change without notice.

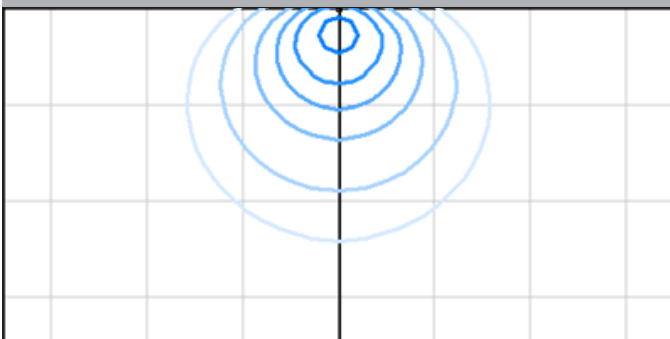
*Estimation at 1250mA reduced from 1400mA per IES report.

Iso-illuminance: Ground Flood, Wall Mount MH 12' off-ground



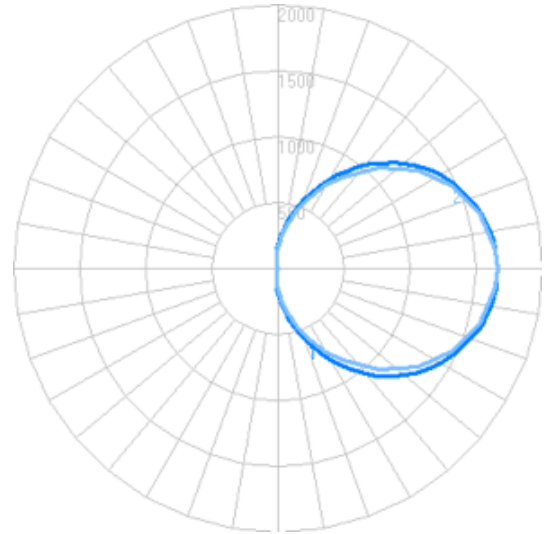
Foot-candles: 0.1, 0.2, 0.5, 1, 2 | Grid spacing 20'

Iso-illuminance: Ground Flood, Wall Mount MH 8' off-ground



Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5 | Grid spacing 20'

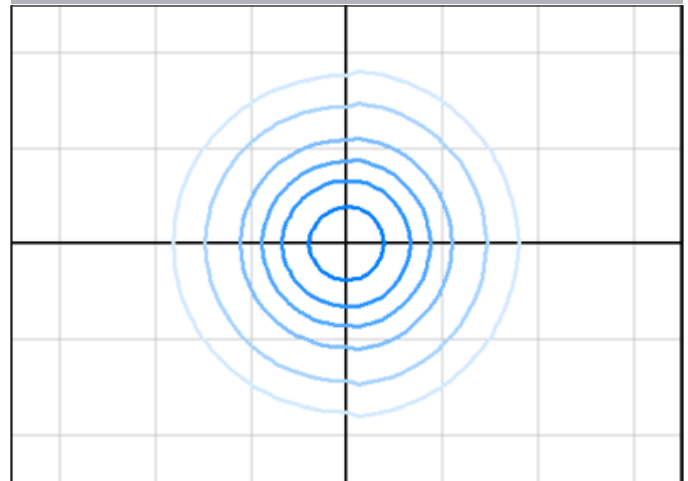
Candela



Zonal Lumens - Wall Mount

LCS	Zone	Lumens	%Lum.
FL	(0-30)	153.7	3.2
FM	(30-60)	760.9	16.0
FH	(60-80)	875.0	18.4
FVH	(80-90)	493.3	10.4
BL	(0-30)	27.9	0.6
BM	(30-60)	29.8	0.6
BH	(60-80)	18.8	0.4
BVH	(80-90)	9.3	0.2
UL	(90-100)	516.4	10.9
UH	(100-180)	1869.4	39.3
Total		4850	100

Iso-illuminance: Ground Flood, Ceiling Mount MH 12' off-ground



Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5 | Grid spacing 20'

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Sample isoilluminance plots. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

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WALL SCNCE

WS500 & WS700 SERIES OPTIONS

DATE:

PROJECT:

FIRM:

CATALOG NO.:

COMMENTS:



WS500 & WS500-ADA 14" housing
impact-resistant opal polycarbonate diffuser



WS700 10.7" housing
impact-resistant opal polycarbonate diffuser



WS520 14" housing
protective window grille over opal diffuser



WS740 10.7" housing
protective window grille over opal diffuser



WS533 14" housing
protective slatted grille over opal diffuser



WS733 10.7" housing
protective slatted grille over opal diffuser



WS534 14" housing
protective nautical grille over opal diffuser



WS734 10.7" housing
protective nautical grille over opal diffuser



WS550 14" housing
cutoff hood over opal polycarbonate diffuser



WS750 10.7" housing
cutoff hood over opal polycarbonate diffuser

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